

APPENDIX B

FLOODPLAIN RISK ASSESSMENT SHEETS

RISK ASSESSMENT

Project No. IM-465-4() Date February 14, 2002

Structure No. None County Marion

Location Farley/Topp Creek

Stream Evaluator Richard Ray

1. Risks

A.	ADT (Construction Year)	<1000	1000-5000	<u>>5000</u>
B.	Homes in Base Floodplain			
	Upstream to 1000'	0	1-5	<u>5</u>
	Downstream to 1000'	0	<u>1-5</u>	5
C.	Adjacent Property Value	low	<u>Medium</u>	high
D.	Height of Fill Unknown	<10'	10'-25'	>25'
E.	Structure Type			
	<u>Box/pipe culvert</u>			
	Single span bridge			
	Three span bridge			
	Multiple span bridge			
F.	The encroachment is:	<u>Transverse</u>	Longitudinal	
		Yes	No	
G.	Is stream unstable?	<u> </u>	<u>x</u>	
H.	Is this the only route for emergency access?	<u> </u>	<u>x</u>	
I.	Practicable detour?	<u>x</u>	<u> </u>	
J.	Known drainage problems?	<u> </u>	<u>x</u>	
	(if yes, describe)			

2. What are the impacts on natural and beneficial floodplain values, water quality maintenance, and groundwater recharge. Natural moderation of floods,

3. Will this project support probable incompatible floodplain development? If so, to what extent?
No

4. Possible measures to minimize the floodplain impacts, and/or restore and preserve the natural floodplain values impacted by this project. Build with a reduced median. Lower project profile.
Steepen side slopes to reduce footprint of project.

5. Determination of significance: Impacts at this site are not considered significant.

RISK ASSESSMENT

Project No. IM-465-4() Date February 14, 2002

Structure No. None County Marion

Location Big Eagle Creek

Stream Evaluator Richard Ray

1. Risks

A.	ADT (Construction Year)	<1000	1000-5000	<u>>5000</u>
B.	Homes in Base Floodplain			
	Upstream to 1000'	<u>0</u>	1-5	5
	Downstream to 1000'	<u>0</u>	<u>1-5</u>	5
C.	Adjacent Property Value	low	<u>Medium</u>	high
D.	Height of Fill Unknown	<10'	<u>10'-25'</u>	>25'
E.	Structure Type			
	Box/pipe culvert			
	Single span bridge			
	<u>Three span bridge</u>			
	<u>Multiple span bridge</u>			
F.	The encroachment is:	<u>Transverse</u>	Longitudinal	
		Yes	No	
G.	Is stream unstable?	<u> </u>	<u>x</u>	
H.	Is this the only route for emergency access?	<u> </u>	<u>x</u>	
I.	Practicable detour?	<u>x</u>	<u> </u>	
J.	Known drainage problems?	<u> </u>	<u>x</u>	
	(if yes, describe)			

2. What are the impacts on natural and beneficial floodplain values, water quality maintenance, and groundwater recharge. Natural moderation of floods,

3. Will this project support probable incompatible floodplain development? If so, to what extent?
No

4. Possible measures to minimize the floodplain impacts, and/or restore and preserve the natural floodplain values impacted by this project. Bridge over 100-year floodplain.

5. Determination of significance: Impacts at this site are not considered significant.

RISK ASSESSMENT

Project No. IM-465-4() Date February 14, 2002

Structure No. None County Marion

Location Mud Run

Stream Evaluator Richard Ray

1. Risks

A.	ADT (Construction Year)	<1000	1000-5000	<u>>5000</u>
B.	Homes in Base Floodplain			
	Upstream to 1000'	<u>0</u>	1-5	5
	Downstream to 1000'	<u>0</u>	<u>1-5</u>	5
C.	Adjacent Property Value	low	<u>Medium</u>	high
D.	Height of Fill Unknown	<10'	<u>10'-25'</u>	>25'
E.	Structure Type			
	<u>Box/pipe culvert</u>			
	Single span bridge			
	Three span bridge			
	Multiple span bridge			
F.	The encroachment is:	<u>Transverse</u>	Longitudinal	
		Yes	No	
G.	Is stream unstable?	<u> </u>	<u>x</u>	
H.	Is this the only route for emergency access?	<u> </u>	<u>x</u>	
I.	Practicable detour?	<u>x</u>	<u> </u>	
J.	Known drainage problems?	<u> </u>	<u>x</u>	
	(if yes, describe)			

2. What are the impacts on natural and beneficial floodplain values, water quality maintenance, and groundwater recharge. Natural moderation of floods,

3. Will this project support probable incompatible floodplain development? If so, to what extent?
No

4. Possible measures to minimize the floodplain impacts, and/or restore and preserve the natural floodplain values impacted by this project. Build with a reduced median. Lower project profile.
Steepen side slopes to reduce footprint of project.

5. Determination of significance: Impacts at this site are not considered significant.

RISK ASSESSMENT

Project No. IM-465-4() Date February 14, 2002

Structure No. None County Marion

Location Dry Run

Stream Evaluator Richard Ray

1. Risks

A.	ADT (Construction Year)	<1000	1000-5000	<u>>5000</u>
B.	Homes in Base Floodplain			
	Upstream to 1000'	0	1-5	<u>5</u>
	Downstream to 1000'	0	1-5	<u>5</u>
C.	Adjacent Property Value	low	<u>Medium</u>	high
D.	Height of Fill Unknown	<10'	10'-25'	>25'
E.	Structure Type			
	<u>Box/pipe culvert</u>			
	Single span bridge			
	Three span bridge			
	Multiple span bridge			
F.	The encroachment is:	<u>Transverse</u>	Longitudinal	
		Yes	No	
G.	Is stream unstable?	<u> </u>	<u>x</u>	
H.	Is this the only route for emergency access?	<u> </u>	<u>x</u>	
I.	Practicable detour?	<u>x</u>	<u> </u>	
J.	Known drainage problems?	<u> </u>	<u>x</u>	
	(if yes, describe)			

2. What are the impacts on natural and beneficial floodplain values, water quality maintenance, and groundwater recharge. Natural moderation of floods,

3. Will this project support probable incompatible floodplain development? If so, to what extent?
No

4. Possible measures to minimize the floodplain impacts, and/or restore and preserve the natural floodplain values impacted by this project. Build with a reduced median. Lower project profile.
Steepen side slopes to reduce footprint of project.

5. Determination of significance: Impacts at this site are not considered significant.